

## **WHAT IS CLAIMED IS:**

1. An electric heat sealer comprising
  - a first arm, said first arm having a T-shaped profile, a left end portion and a right end portion aligned in a line, a handhold portion, a receiving chamber defined within said handhold portion, and a coupling structure located on one end of said handhold portion remote from the left end portion and right end portion of said first arm;
  - an electric heating mechanism installed in said receiving chamber inside said first arm, said electric heating mechanism comprising a heating member; and
  - a second arm, said second arm having a T-shaped profile, a left end portion and a right end portion aligned in a line corresponding to the left end portion and right end portion of said first arm, a handhold portion, and a coupling structure located on one end of the handhold portion of said second arm remote from the left end portion and right end portion of said second arm and pivotally coupled to the coupling structure of said first arm for enabling the user to hold the handhold portions of said first arm and said second arm and to move said first arm and said second arm relative to each other to further force said heating member of said electric heating mechanism against the workpiece being put in between said first arm and said second arm.
2. The electric heat sealer as claimed in claim 1 further comprising an operation case, said operation case having a receiving chamber adapted to receive said first arm and said second arm, and an opening through which

the handhold portions of said first arm and said second arm are insertable into the receiving chamber of said operation case.

3. The electric heat sealer as claimed in claim 2, wherein said operation case has a top side corresponding to said second arm, and an 5 operation portion disposed at said top side for pressing by the user to force said second arm toward said first arm.

4. The electric heat sealer as claimed in claim 2, wherein said operation case has six sides.

5. The electric heat sealer as claimed in claim 2, wherein said 10 operation case has at least one notch corresponding to the heating member of said electric heating mechanism.

6. The electric heat sealer as claimed in claim 1, wherein the combined length of the left end portion and right end portion of said first arm is within six to ten centimeters.

15 7. The electric heat sealer as claimed in claim 1, wherein the combined length of the left end portion and right end portion of said second arm is within six to ten centimeters.

8. The electric heat sealer as claimed in claim 1, wherein the coupling structure of said first arm is comprised of at least one male pivot 20 means, and the coupling structure of said second arm is comprised of at least one female pivot means adapted to accommodate the male pivot means of the coupling structure of said first arm.